

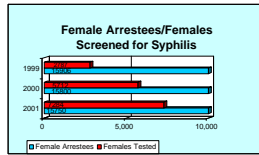
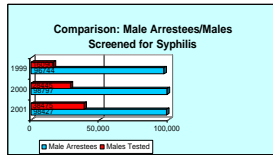
STD Interventions in Large County Jail Facilities: Phoenix, Arizona

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Philip Powers MPA, GGP, Arizona Department of Health Services STD

Syphilis Screening



CY 1999		Total (Males and Females)							
	tested	# pos	% pos	Early Cases	Late Cases				
Estrella Jail	1273	39	3.1	2	0				
Estrella Jail	1551	306	19.7	11	17				
Durango Jail	2518	38	1.5	2	16				
Madison Jail	3186	146	4.6	17	6				
Towers Jail	2338	77	3.3	9	10				
Holding Tank	1260	43	3.4	0	0				
Durango Juvenile	1762	13	0.7	0	0				
Mesa SE Juvenile	1420	2	0.1	0	0				
Total	17488	662	3.7	119	61				

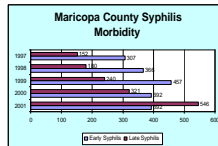
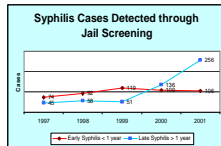
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Will Rankin, Nurse Manager at the Holding Tank

A massive increase in syphilis screening in the Holding Tank resulted in an increase in late syphilis cases in Maricopa County.



Dr. Weisbuch and Dr. Steinhauser review the jail interventions.



Jail Interventions



Team Players

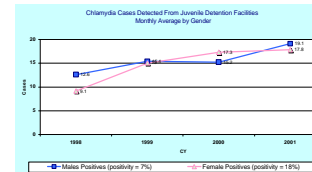
Maricopa County Correctional Health Services
Maricopa County Detention Staff
Maricopa County Department of Public Health Services
Arizona Department of Health Services
Centers for Disease Control and Prevention

Amplified Chlamydia Screening

CY 1999		Males			Females		
	tested	Positive	% Positive		tested	Positive	% Positive
January	187	10	5%		82	15	18%
February	134	12	9%		50	10	20%
March	267	15	5%		79	14	18%
April	236	14	6%		52	9	17%
May	213	11	5%		83	6	7%
June	435	21	5%		74	25	34%
July	195	13	7%		87	12	14%
August	213	22	10%		109	21	19%
September	210	15	7%		114	15	13%
October	159	16	10%		92	14	15%
November	277	18	6%		84	24	28%
December (no testing)							
Total	2537	189	7%		847	163	19%

CY 2000		Males			Females		
	tested	Positive	% Positive		tested	Positive	% Positive
January (no testing)							
February (no testing)							
March (no testing)							
April (no testing)							
May (no testing)							
June	75	4	5%		38	7	18%
July	214	15	7%		103	16	16%
August	310	29	9%		117	26	22%
September	120	8	7%		65	10	15%
October	234	21	9%		118	16	14%
November	247	18	7%		122	28	23%
December	226	12	5%		100	16	16%
Total	1433	107	7%		661	123	18%

CY 2001		Males			Females		
	tested	Positive	% Positive		tested	Positive	% Positive
January	227	11	5%		107	19	18%
February	342	21	6%		176	24	14%
March	252	13	5%		136	19	14%
April	281	9	3%		121	17	14%
May	254	16	6%		166	16	10%
June	240	13	5%		118	15	13%
July	180	14	8%		101	25	25%
August	136	9	7%		92	17	19%
September	206	13	6%		76	12	16%
October	347	25	7%		145	19	13%
November	238	19	8%		37	13	35%
December	146	16	11%		48	14	29%
Total	2747	186	7%		1265	214	17%



Amplified Combo (CT /GC) Screening

Combo Screening		Chlamydia			Gonorrhea		
	Tests	Positives	% Positive		Tests	Positives	% Positive
Estrella Jail	190	27	14.2		190	11	5.8
Estrella Support	292	44	15.1		292	17	5.8

Combo Screening		Chlamydia			Gonorrhea		
	Tests	Positives	% Positive		Tests	Positives	% Positive
Estrella Jail	91	16	17.6		91	3	3.3
Mesa SE Juvenile	97	19	19.6		97	3	3.1
HomeBase Homeless	6	1	16.7		6	0	0
Tumbleweed Homeless	7	2	28.6		7	0	0



5/2002
Proposed start date for a STAT RPR testing protocol in the Madison Street Jail Holding Tank. This strategy will facilitate rapid treatment of inmates with a positive test finding and reduce the number of inmates with a positive testing who are released before the test result is available. Funded by the CDC Syphilis Elimination grant.

6 Interventions Start Here



2/1998
Chlamydia screening using TMA test started at the Maricopa Juvenile Detention Centers for both males and females. Nurses from these two detention centers had requested this new technology for months because they wanted to collect urine specimens instead of performing a pelvic exam. Infertility Prevention Project funds were used to start this project. See Chlamydia Screening Table and graph – upper right side.



5/2000
The Maricopa County Correctional Health Services administrators secured funding to increase Medical Assistant (MA) staffing enabling an increase in syphilis screening at the jail. Six new positions were created with local funding and an additional 2.5 MA positions are funded through the CDC Syphilis Elimination funds. The newly funded positions enable the MA to screen inmates for syphilis and TB earlier in their stay which improved adherence to standards set by the National Commission on Correction Health Care.
11/2000
The Madison Street Jail instituted the Holding Tank syphilis screening project. Inmates were screened during their first 48 hours of incarceration. Prior to this project, inmates were screened 14 days after their arrest date at one of the jail sites. Since thousands of inmates are released from the Holding Tank and never reach a county jail site, this new screening standard caused a massive increase in syphilis screening (see Syphilis Screening Table, Holding Tank – upper left). Staffing for this screening project starts at 7:00AM until 11:00PM, seven days a week.

5/2001
Court Ordered screening for all prostitutes was instituted in the Holding Tank. See Syphilis Screening Table, Court Ordered – upper left side for data. Although the referral to the screening site is mandatory, the inmate can refuse testing. Less than 5% refuse this test.
11/2001
Through a CDC grant (Adolescent Women Reproductive Health Surveillance Project) females at four sites are offered a combo test (gonorrhea/chlamydia amplification test). The four sites include the two Maricopa County juvenile detention centers and two homeless youth programs. See Amplified Combo (CT/GC) Screening Table – upper right side.
12/2001
The Estrella Jail, the only facility that houses female inmates, started the combo amplification screening for female inmates. Funds from the Infertility Prevention Project are used to support this screening activity. See Amplified Combo (CT/GC) Screening Table – upper right side.

6 Intervention Milestones

1998

1999

2000

2001

2002

2003

6 Intervention Milestones

6 Intervention Milestones